

1/11

MT Cpn 60.1

1	ATGAGCAAGCTGATCGAATACGACGAAACCGCGCGTCGCGCCATGGAGGTCGGCATGGAC	60
	M S K L I E Y D E T A R R A M E V G M D	
61	AAGCTGGCCGACACCGTGCGGGTGACGCTGGGGCCGCGCGGCCGGCATGTGGTGCTGGCC	120
	K L A D T V R V T L G P R G R H V V L A	
121	AAGGCGTTTGGCGGACCCACGGTTACCAACGACGGCGTCACGGTGGCAGCTGAGATCGAG	180
	K A F G G P T V T N D G V T V A R E I E	
181	CTGGAAGATCCGTTTGAAGACTTGGGCGCCCAGCTGGTGAAGTCGGTGGCCACCAAGACC	240
	L E D P F E D L G A Q L V K S V A T K T	
241	AACGATGTGGCCGGTGACGGCACCACCACCGCAACCATCTTGGCGCAGGCACTGATCAAG	300
	N D V A G D G T T T A T I L A Q A L I K	
301	GGCGGCCTGAGGCTAGTGGCCGCGCGGTCAACCCGATCGCGCTCGGCGTGGAATCGGC	360
	G G L R L V A A G V N P I A L G V G I G	
361	AAGGCCGCCGACGCGGTATCCGAGGCGCTGCTGGCATCGGCCACGCCGGTGTCCGGCAAG	420
	K A A D A V S E A L L A S A T P V S G K	
421	ACCGGCATCGCGCAGGTGGCGACGGTGTCTCGCGCGACGAGCAGATCGGTGACCTGGTT	480
	T G I A Q V A T V S S R D E Q I G D L V	
481	GGCGAAGCGATGAGCAAGGTCGGCCACGACGGCGTGGTCAGCGTCGAAGAATCCTCGACG	540
	G E A M S K V G H D G V V S V E E S S T	
541	CTGGGCACCGAGTTGGAGTTCACCGAGGGTATCGGCTTCGACAAGGGCTTCTTGTCGGCA	600
	L G T E L E F T E G I G F D K G F L S A	
601	TACTTCGTTACCGACTTCGATAACCAGCAGGCGGTGCTCGAGGACGCGTTGATCCTGCTG	660
	Y F V T D F D N Q Q A V L E D A L I L L	
661	CACCAAGACAAGATCAGCTCGCTTCCCAGTCTGTTGCCATTGCTGGAAAAGGTTGCAGGA	720
	H Q D K I S S L P D L L P L L E K V A G	
721	ACGGGTAAGCCACTACTGATCGTGGCTGAAGACGTGGAGGGCGAAGCGTTGGCGACGCTG	780
	T G K P L L I V A E D V E G E A L A T L	
781	GTCGTCAACGCGATTGCAAGACGTTGAAAGCGGTGCGCGGTCAAGGGGCCGTACTTCGGT	840
	V V N A I R K T L K A V A V K G P Y F G	
841	GACCGCCGTAAGGCGTTCCCTTGAGGACCTGGCGGTGGTGACGGGTGGCCAGGTGGTCAAC	900
	D R R K A F L E D L A V V T G G Q V V N	

Fig. 1 (Part 1 of 2)

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901 CCCGACGCCGGCATGGTGCTGCGCGAGGTGGGCTTGGAGGTGCTGGGCTCGGCCCGACGC 960
P D A G M V L R E V G L E V L G S A R R

961 GTGGTGGTCAGCAAGGACGACACGGTCATTGTGCGACGGCGGGCGGCACCGCAGAAGCGGTG 1020
V V V S K D D T V I V D G G G T A E A V

1021 GCCAACCGGGCGAAGCACTTGCGTGCCGAGATCGACAAGAGCGATTTCGGATTGGGATCGG 1080
A N R A K H L R A E I D K S D S D W D R

1081 GAAAAGCTTGGCGAGCGGCTGGCCAAACTGGCCGGCGGGGTTGCTGTCATCAAGGTGGGT 1140
E K L G E R L A K L A G G V A V I K V G

1141 GCCGCCACCGAGACCGCACTCAAGGAGCGCAAGGAAAGCGTCGAGGATGCGGTGCGGGCC 1200
A A T E T A L K E R K E S V E D A V A A

1201 GCCAAGGCCGCGGTGCGAGGAGGGCATCGTCCCTGGTGGGGGAGCCTCGCTCATCCACCAG 1260
A K A A V E E G I V P G G G A S L I H Q

1261 GCCCGCAAGGCGCTGACCGAAGTGCCTGCGTGCCTGACCGGTGACGAGGTCCTCGGTGTC 1320
A R K A L T E L R A S L T G D E V L G V

1321 GACGTGTTCTCCGAAGCCCTTGCCGCGCCGTTGTTCTGGATCGCCGCCAACGCTGGCTTG 1380
D V F S E A L A A P L F W I A A N A G L

1381 GACGGCTCGGTGGTGGTCAACAAGGTGAGCGAGCTACCCGCGGGCATGGGCTGAACGTG 1440
D G S V V V N K V S E L P A G H G L N V

1441 AACACCCTGAGCTATGGTGACTTGGCCGCTGACGGCGTCATCGACCCGGTCAAGGTGACT 1500
N T L S Y G D L A A D G V I D P V K V T

1501 AGGTGCGGCGGTGTTGAACGCGTCATCGGTTGCCCGGATGGTACTCACCACCGAGACGGTC 1560
R S A V L N A S S V A R M V L T T E T V

1561 GTGGTCGACAAGCCGGCCAAGGCAGAAGATCACGACCATCACCACGGGCACGCGCACTGA 1620
V V D K P A K A E D H D H H H G H A H *

Fig. 1 (Part 2 of 2)

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Mt Cpn60.2

1	ATGGCCAAGACAATTGCGTACGACGAAGAGGCCCGTCGCGGCCTCGAGCGGGGCTTGAAC	60
	M A K T I A Y D E E A R R G L E R G L N	
61	GCCCTCGCCGATGCGGTAAAGGTGACATTGGGCCCCAAGGGCCGCAACGTCGTCCTGGAA	120
	A L A D A V K V T L G P K G R N V V L E	
121	AAGAAGTGGGGTGCCCCCACGATCACCAACGATGGTGTGTCCATCGCCAAGGAGATCGAG	180
	K K W G A P T I T N D G V S I A K E I E	
181	CTGGAGGATCCGTACGAGAAGATCGGCGCCGAGCTGGTCAAAGAGGTAGCCAAGAAGACC	240
	L E D P Y E K I G A E L V K E V A K K T	
241	GATGACGTCGCGCGTGACGGCACCACGACGGCCACCGTGCTGGCCCAGGCGTTGGTTCGC	300
	D D V A G D G T T T A T V L A Q A L V R	
301	GAGGGCCTGCGCAACGTCGCGGCCGGCGCCAACCCGCTCGGTCTCAAACGCGGCATCGAA	360
	E G L R N V A A G A N P L G L K R G I E	
361	AAGGCCGTGGAGAAGGTCACCGAGACCCTGCTCAAGGGCGCCAAGGAGGTCGAGACCAAG	420
	K A V E K V T E T L L K G A K E V E T K	
421	GAGCAGATTGCGGCCACCGCAGCGATTTCGGCGGGTGACCAGTCCATCGGTGACCTGATC	480
	E Q I A A T A A I S A G D Q S I G D L I	
481	GCCGAGGCGATGGACAAGGTGGGCAACGAGGGCGTCATCACCGTCGAGGAGTCCAACACC	540
	A E A M D K V G N E G V I T V E E S N T	
541	TTTGGGCTGCAGCTCGAGCTCACCGAGGGTATGCGGTTGACAAGGGCTACATCTCGGGG	600
	F G L Q L E L T E G M R F D K G Y I S G	
601	TACTTCGTGACCGACCCGGAGCGTCAGGAGGCGGTCTTGAGGACCCCTACATCCTGCTG	660
	Y F V T D P E R Q E A V L E D P Y I L L	
661	GTCAGCTCCAAGGTGTCCACTGTCAAGGATCTGCTGCCGCTGCTCGAGAAGGTCATCGGA	720
	V S S K V S T V K D L L P L L E K V I G	
721	GCCGGTAAGCCGCTGCTGATCATCGCCGAGGACGTCGAGGGCGAGGCGCTGTCCACCCTG	780
	A G K P L L I I A E D V E G E A L S T L	
781	GTCGTCAACAAGATCCGCGGCACCTTCAAGTCGGTGGCGGTCAAGGCTCCCGGCTTCGGC	840
	V V N K I R G T F K S V A V K A P G F G	

Fig. 2 (Part 1 of 2)

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841 GACCGCCGCAAGGCGATGCTGCAGGATATGGCCATTCTCACCGGTGGTCAGGTGATCAGC 900
D R R K A M L Q D M A I L T G G Q V I S

901 GAAGAGGTGCGCCTGACGCTGGAGAACGCCGACCTGTCGCTGCTAGGCAAGGCCCGCAAG 960
E E V G L T L E N A D L S L L G K A R K

961 GTCGTGGTCACCAAGGACGAGACCACCATCGTCGAGGGCGCCGGTGACACCGACGCCATC 1020
V V V T K D E T T I V E G A G D T D A I

1021 GCCCGACGAGTGGCCCAGATCCGCCAGGAGATCGAGAACAGCGACTCCGACTACGACCGT 1080
A G R V A Q I R Q E I E N S D S D Y D R

1081 GAGAAGCTGCAGGAGCGGCTGGCCAAGCTGGCCGGTGGTGTGCGGGTGATCAAGGCCGGT 1140
E K L Q E R L A K L A G G V A V I K A G

1141 GCCGCCACCGAGGTGCAACTCAAGGAGCGCAAGCACCGCATCGAGGATGCGGTTTCGCAAT 1200
A A T E V E L K E R K H R I E D A V R N

1201 GCCAAGGCCCGCGCTCGAGGAGGGCATCGTCGCCGGTGGGGGTGTGACGCTGTTGCAAGCG 1260
A K A A V E E G I V A G G G V T L L Q A

1261 GCCCCGACCCTGGACGAGCTGAAGCTCGAAGGCGACGAGGCGACCGGCGCCAACATCGTG 1320
A P T L D E L K L E G D E A T G A N I V

1321 AAGGTGGCGCTGGAGGCCCGCTGAAGCAGATCGCCTTCAACTCCGGGCTGGAGCCGGGC 1380
K V A L E A P L K Q I A F N S G L E P G

1381 GTGGTGGCCGAGAAGGTGCGCAACCTGCCGGCTGGCCACGACTGAACGCTCAGACCGGT 1440
V V A E K V R N L P A G H G L N A Q T G

1441 GTCTACGAGGATCTGCTCGCTGCCGGCGTTGCTGACCCGGTCAAGGTGACCCGTTCCGGCG 1500
V Y E D L L A A G V A D P V K V T R S A

1501 CTGCAGAATGCGGCGTCCATCGCGGGGCTGTTCTGACCACCGAGGCCGTCGTTGCCGAC 1560
L Q N A A S I A G L F L T T E A V V A D

1561 AAGCCGGAAGGAGAAGGCTTCCGTTCCCGGTGGCGGCGACATGGGTGGCATGGATTTC 1620
K P E K E K A S V P G G G D M G G M D F

1621 TGA 1623
*

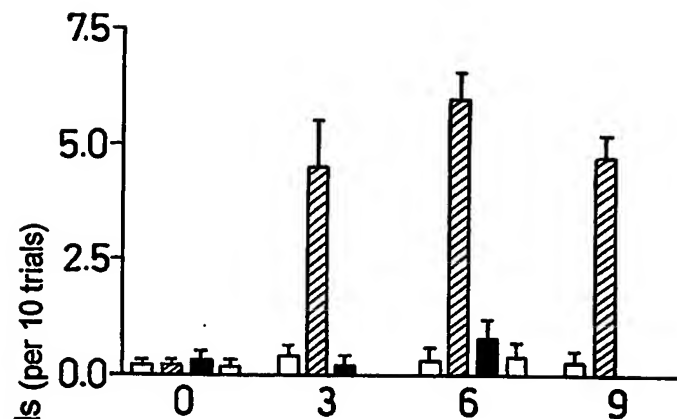
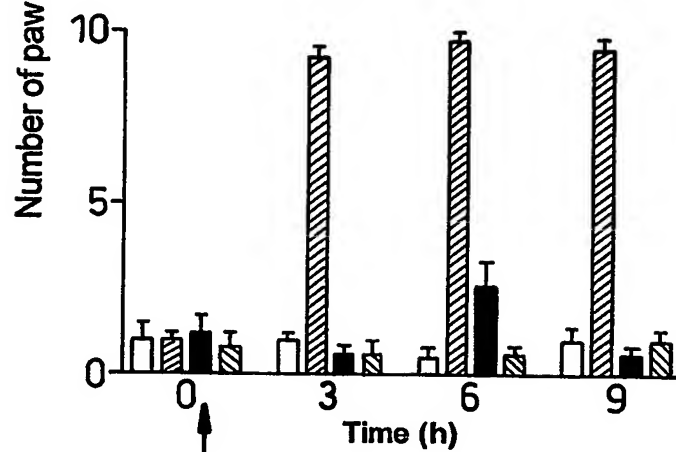
Fig. 2 (Part 2 of 2)

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MT Cpn 10

```
1  GTGGCGAAGGTGAACATCAAGCCACTCGAGGACAAGATTCTCGTGCAGGCCAACGAGGCC  60
   M A K V N I K P L E D K I L V Q A N E A
61  GAGACCACGACCGCGTCCGGTCTGGTCATTCTGACACCGCCAAGGAGAAGCCGCAGGAG  120
   E T T T A S G L V I P D T A K E K P Q E
121 GGCACCGTCGTTGCCGTCGGGCCCTGGCCGGTGGGACGAGGACGGCGAGAAGCGGATCCCCG  180
   G T V V A V G P G R W D E D G E K R I P
181 CTGGACGTTGCGGAGGGTGACACCGTCATCTACAGCAAGTACGGCGGCACCGAGATCAAG  240
   L D V A E G D T V I Y S K Y G G T E I K
241 TACAACGGCGAGGAATACCTGATCCTGTCGGCACGCGACGTGCTGGCCGTCGTTTCCAAG  300
   Y N G E E Y L I L S A R D V L A V V S K
301 TAG  360
   *
```

Fig. 3

6/11**VFF 4.31****VFF 5.07**

Injection

■ CP.01 + ET

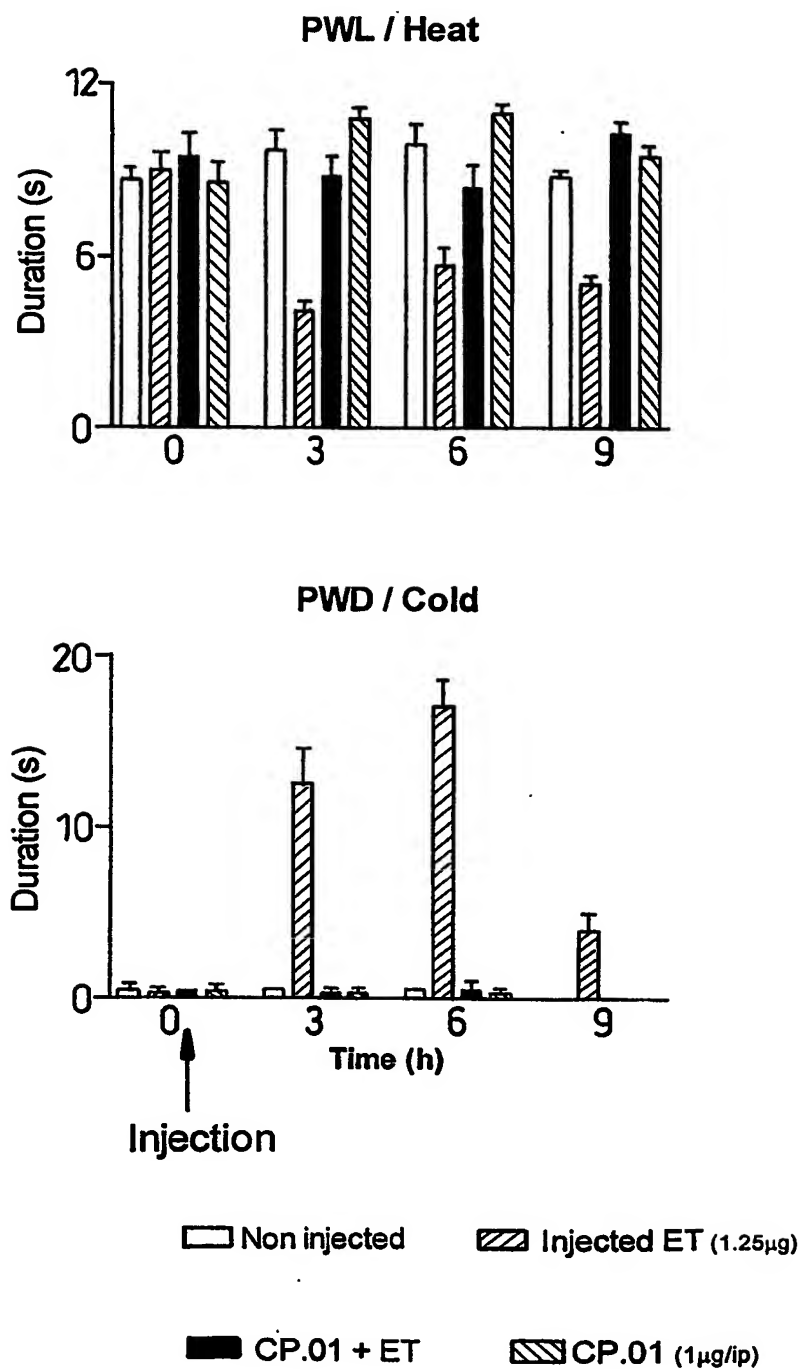
▨ CP.01 (1µg/ip)

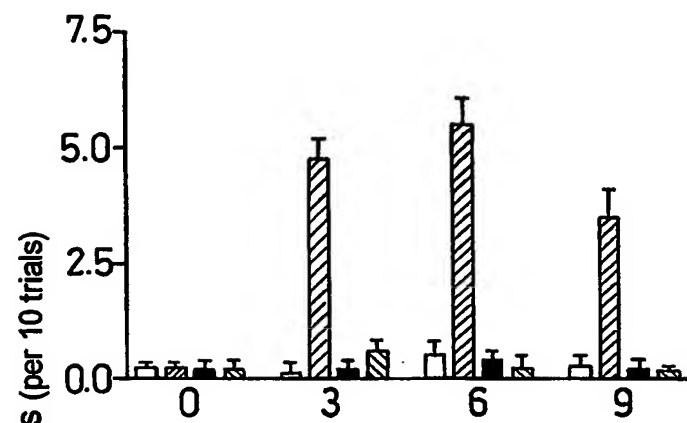
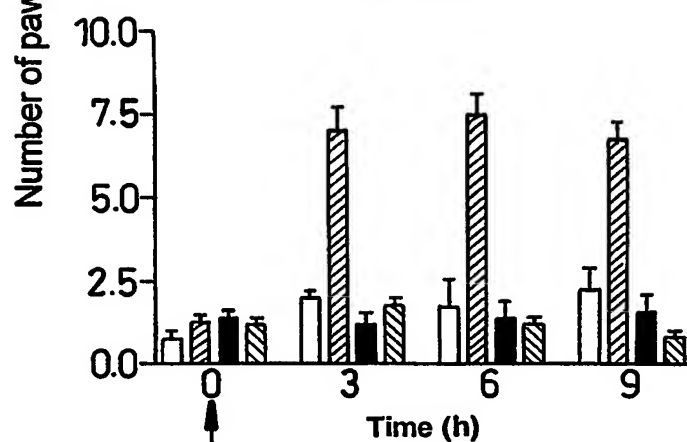
□ Non injected

▤ Injected ET (1.25µg)

Fig. 4

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**Fig. 5**

8/11**VFF 4.31****VFF 5.07**

Injection

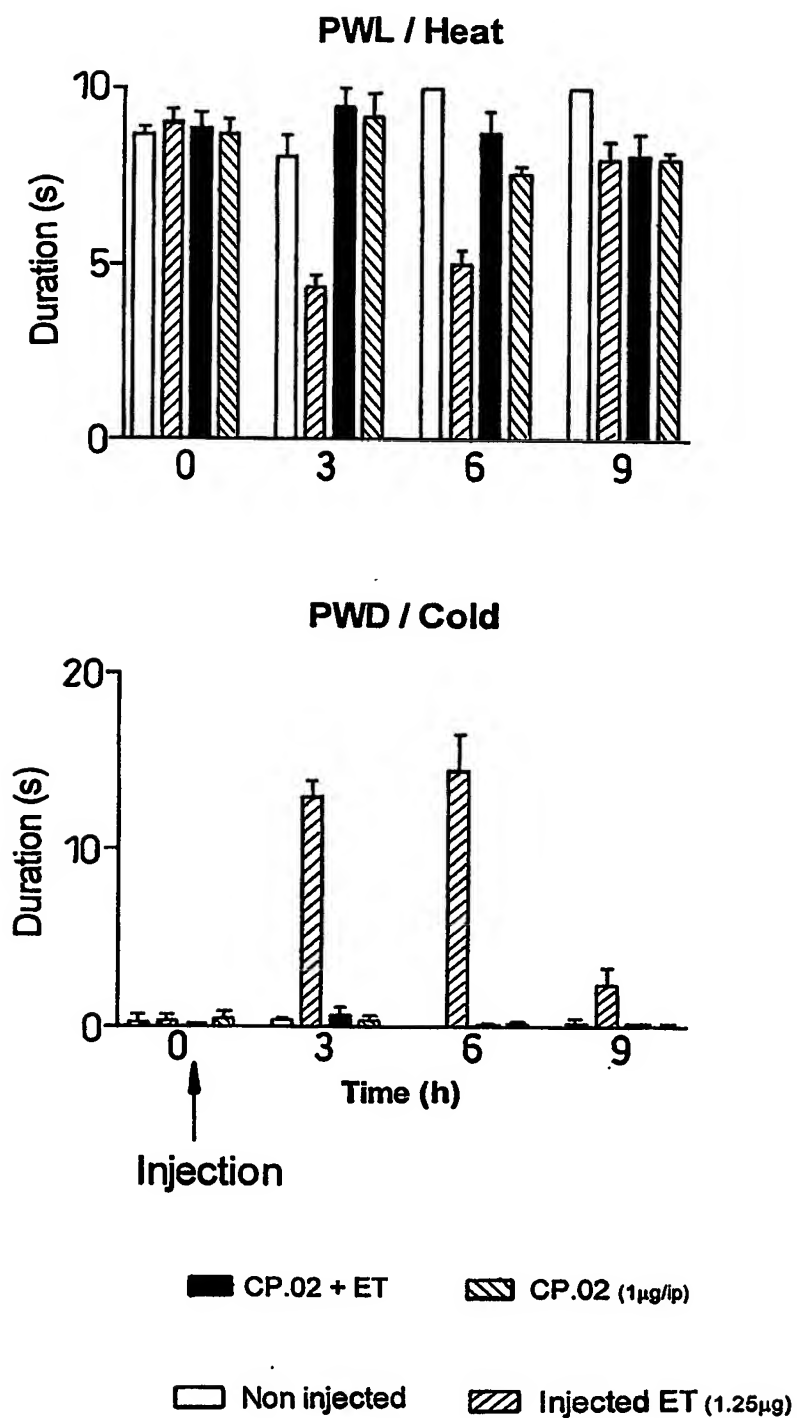
■ CP.02 + ET

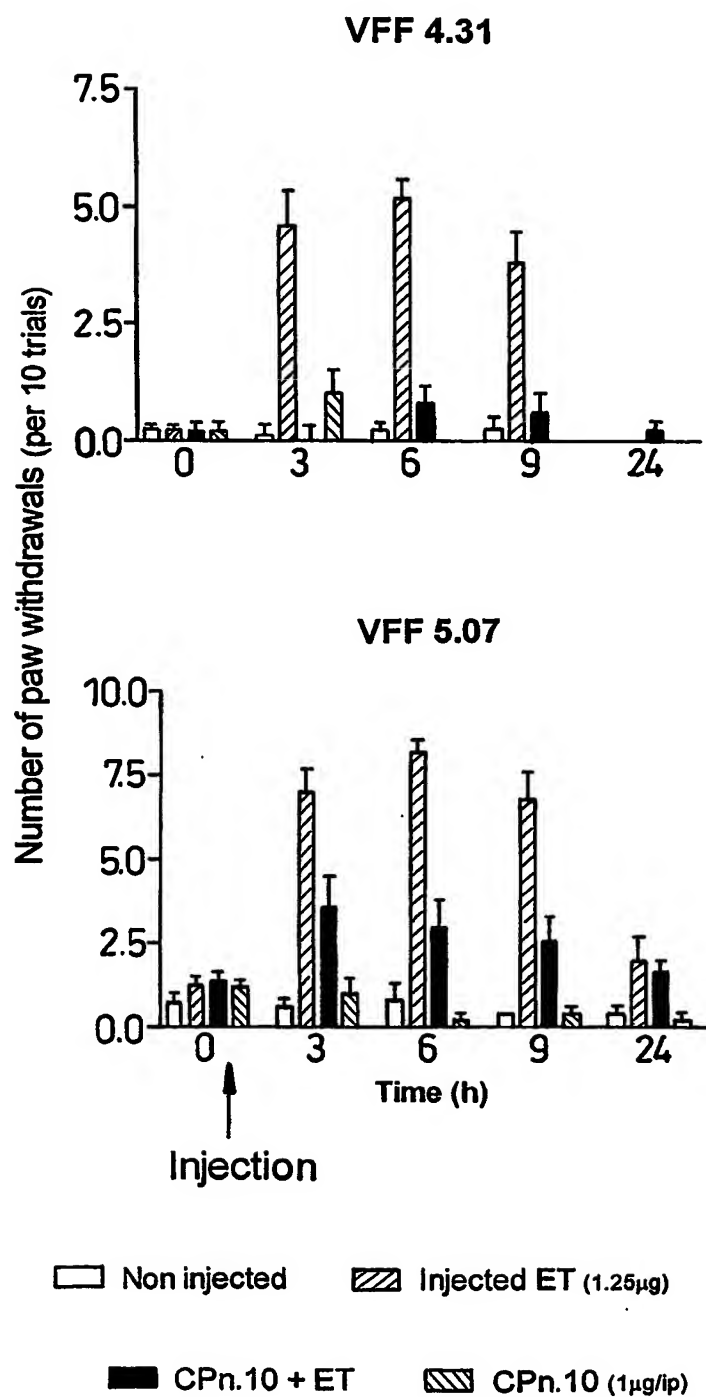
▨ CP.02 (1µg/lip)

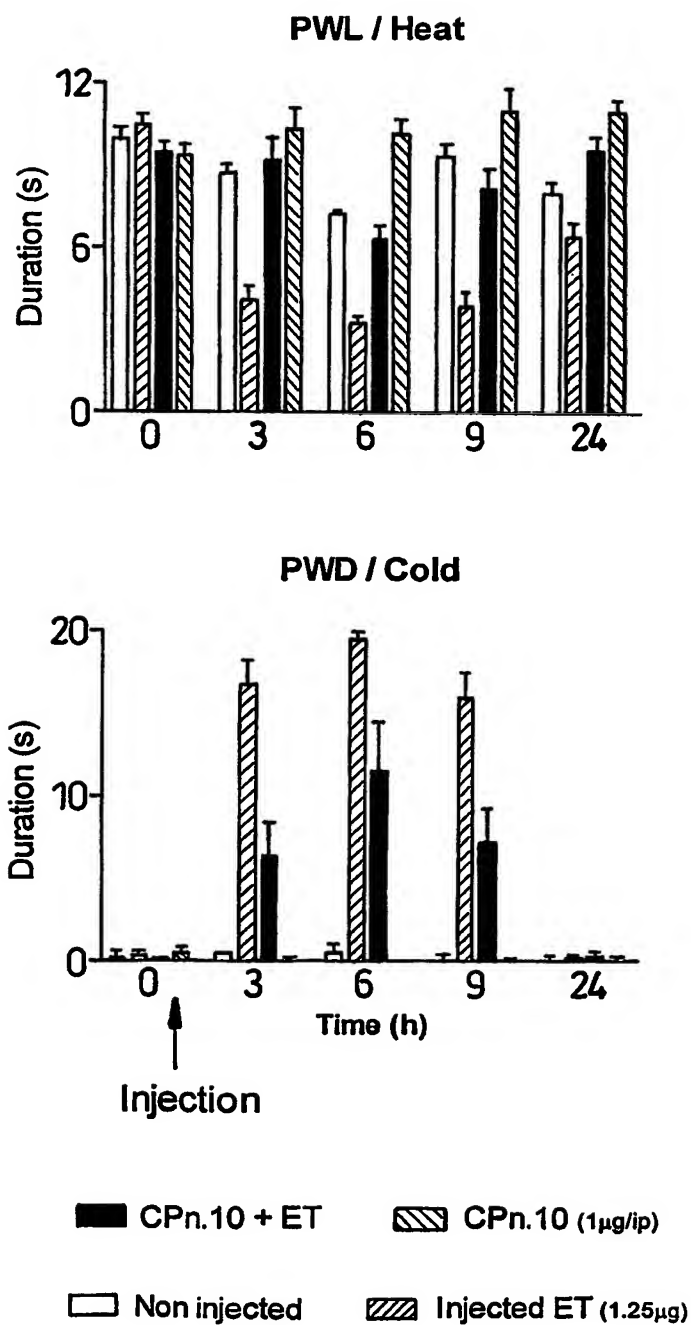
□ Non injected

▩ Injected ET (1.25µg)

Fig. 6

9/11***Fig. 7***

10/11***Fig. 8***

11/11***Fig. 9***